


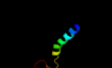



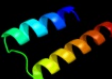



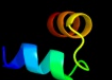

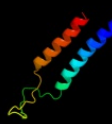


# Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P45394
Date	Thu Jan 5 12:02:31 GMT 2012
Unique Job ID	dd885656d0396ce7

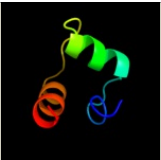
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c2gfpA_</a>	 Alignment		60.0	8	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> multidrug resistance protein d; <b>PDBTitle:</b> structure of the multidrug transporter emrd from2 escherichia coli
2	<a href="#">c2kncA_</a>	 Alignment		13.4	12	<b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> integrin alpha-iiB; <b>PDBTitle:</b> platelet integrin alfaIIb-beta3 transmembrane-cytoplasmic2 heterocomplex
3	<a href="#">d2oara1</a>	 Alignment		11.7	29	<b>Fold:</b> Gated mechanosensitive channel <b>Superfamily:</b> Gated mechanosensitive channel <b>Family:</b> Gated mechanosensitive channel
4	<a href="#">c3lr6A_</a>	 Alignment		10.0	18	<b>PDB header:</b> structural protein <b>Chain:</b> A: <b>PDB Molecule:</b> major ampullate spidroin 1; <b>PDBTitle:</b> self-assembly of spider silk proteins is controlled by a ph-sensitive2 relay
5	<a href="#">c3rkoM_</a>	 Alignment		9.8	12	<b>PDB header:</b> oxidoreductase <b>Chain:</b> M: <b>PDB Molecule:</b> nadh-quinone oxidoreductase subunit m; <b>PDBTitle:</b> crystal structure of the membrane domain of respiratory complex i from2 e. coli at 3.0 angstrom resolution
6	<a href="#">d1wglA_</a>	 Alignment		7.3	17	<b>Fold:</b> RuvA C-terminal domain-like <b>Superfamily:</b> UBA-like <b>Family:</b> CUE domain
7	<a href="#">c3mk7F_</a>	 Alignment		5.9	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> F: <b>PDB Molecule:</b> cytochrome c oxidase, cbb3-type, subunit p; <b>PDBTitle:</b> the structure of cbb3 cytochrome oxidase

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[d1dwka1](#)

Alignment



5.6

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**Fold:**lambda repressor-like DNA-binding domains  
**Superfamily:**lambda repressor-like DNA-binding domains  
**Family:**Cyanase N-terminal domain